

U.S. Appl. No. 09/462,625

Claims as presented in the Amendment and Reply Under 37 C.F.R. § 1.116, filed June 4, 2003

Claims 1-52 (Previously cancelled)

1 53. (Currently amended) An isolated nucleic acid molecule comprising a polynucleotide which encodes a polypeptide having a first amino acid sequence at least 95% identical to a reference amino acid sequence selected from the group consisting of (a) amino acids 1 to 182 of SEQ ID NO:2; and (b) amino acids 20 to 182 of SEQ ID NO:2, wherein said nucleic acid molecule encodes a polypeptide which [generates antibody that specifically binds a protein consisting of amino acids 1 to 182 of SEQ ID NO:2,] mediates apoptosis or inhibits tumor growth.

2 54. (Currently amended) The nucleic acid molecule of claim 53, wherein said reference amino acid sequence is (a).

3 55. (Currently amended) The nucleic acid molecule of claim 53, wherein said reference amino acid sequence is (b).

4 56. (Currently amended) The nucleic acid molecule of claim 53, which encodes a polypeptide which generates antibody that specifically binds a protein consisting of amino acids 1 to 182 of SEQ ID NO:2.

5 57. (Currently amended) The nucleic acid molecule of claim 53, which encodes a polypeptide which mediates apoptosis.

6 58. (Currently amended) The nucleic acid molecule of claim 53, which encodes a polypeptide which inhibits tumor growth.

7 59. (Cancelled) The nucleic acid of claim 53, wherein said nucleic acid molecule encodes a murine protein.

8 60. (Currently amended) A vector comprising the nucleic acid molecule of claim 53.

9 61. (Currently amended) A transfected host cell comprising the nucleic acid molecule of claim 53.

10 62. (Previously added) The vector of claim 60, wherein said vector is an expression vector.

8 63. (Currently amended) A method of producing the polypeptide encoded by the nucleic acid molecule of claim 53, said method comprising:

- (a) culturing a host cell comprising said nucleic acid molecule under conditions such that said polypeptide is expressed; and
- (b) isolating said polypeptide.

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<sup>11</sup> 64. (Currently amended) An isolated recombinant nucleic acid [comprising] molecule consisting essentially of a polynucleotide encoding amino acids 145 to 160 of SEQ ID NO:2.

<sup>12</sup> 65. (Currently amended) An isolated polypeptide comprising a first amino acid sequence at least 95% identical to a reference amino acid sequence consisting of (a) amino acids 1 to 182 of SEQ ID NO:2; and (b) amino acids 20 to 182 of SEQ ID NO:2, wherein said polypeptide [generates antibody that specifically binds a protein consisting of amino acids 1 to 182 of SEQ ID NO:2,] mediates apoptosis or inhibits tumor growth.

<sup>13</sup> 66. (Previously added) The polypeptide of claim <sup>12</sup> 65, wherein said reference amino acid sequence is (a).

<sup>14</sup> 67. (Previously added) The polypeptide of claim <sup>12</sup> 65, wherein said first amino acid sequence is amino acids 1 to 182 of SEQ ID NO:2.

<sup>15</sup> 68. (Previously added) The polypeptide of claim <sup>12</sup> 65, wherein said reference amino acid sequence is (b).

<sup>16</sup> 69. (Previously added) The polypeptide of claim <sup>18</sup> 68, wherein said first amino acid sequence is amino acids 20 to 182 of SEQ ID NO:2.

<sup>17</sup> 70. (Previously added) The polypeptide of claim <sup>12</sup> 65, wherein said polypeptide generates antibody that specifically binds a protein consisting of amino acids 1 to 182 of SEQ ID NO:2.

<sup>18</sup> 71. (Previously added) The polypeptide of claim <sup>12</sup> 65, wherein said polypeptide mediates apoptosis.

<sup>19</sup> 72. (Previously added) The polypeptide of claim <sup>12</sup> 65, wherein said polypeptide inhibits tumor growth.

<sup>20</sup> 73. (Currently amended) An isolated nucleic acid molecule comprising a polynucleotide which encodes a polypeptide having a first amino acid sequence at least 95% identical to amino acids 1 to 191 of SEQ ID NO:4, wherein said nucleic acid molecule encodes a polypeptide which [generates antibody that specifically binds a protein consisting of amino acids 1 to 191 of SEQ ID NO:4,] mediates apoptosis or inhibits tumor growth.

<sup>21</sup> 74. (Currently amended) The nucleic acid molecule of claim <sup>20</sup> 73, comprising a polynucleotide which encodes amino acids 1 to 191 of SEQ ID NO:4.

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22 75. (Currently amended) The nucleic acid molecule of claim 75, which encodes a polypeptide which generates antibody that specifically binds a protein consisting of amino acids 1 to 191 of SEQ ID NO:4. 20

23 76. (Currently amended) The nucleic acid molecule of claim 76, which encodes a polypeptide which mediates apoptosis. 20

24 77. (Currently amended) The nucleic acid molecule of claim 77, which encodes a polypeptide which inhibits tumor growth. 20

78. (Cancelled) The nucleic acid of claim 73, wherein said nucleic acid molecule encodes a human protein.

27 79. (Currently amended) A vector comprising the nucleic acid molecule of claim 79. 20

80. (Currently amended) A transfected host cell comprising the nucleic acid molecule of claim 73. 20

28 81. (Previously added) The vector of claim 79, wherein said vector is an expression vector. 27

26 82. (Currently amended) A method of producing the polypeptide encoded by the nucleic acid molecule of claim 73, said method comprising:

- (a) culturing a host cell comprising said nucleic acid molecule under conditions such that said polypeptide is expressed; and
- (b) isolating said polypeptide.

29 83. (Currently amended) An isolated nucleic acid molecule comprising a polynucleotide sequence at least 95% identical to nucleotides 68 to 640 of SEQ ID NO:3, wherein said nucleic acid molecule encodes a polypeptide which [generates antibody that specifically binds a protein consisting of amino acids 1 to 191 of SEQ ID NO:4,] mediates apoptosis or inhibits tumor growth.

30 84. (Currently amended) The nucleic acid molecule of claim 83, comprising the polynucleotide sequence of nucleotides 68 to 640 of SEQ ID NO:3. 29

31 85. (Currently amended) The nucleic acid molecule of claim 83, which encodes a polypeptide which generates antibody that specifically binds a protein consisting of amino acids 1 to 191 of SEQ ID NO:4. 29

32 86. (Currently amended) The nucleic acid molecule of claim 83, which encodes a polypeptide which mediates apoptosis. 24

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<sup>29</sup> 33 <sup>87</sup>. (Currently amended) The nucleic acid molecule of claim <sup>83</sup>, which encodes a polypeptide which inhibits tumor growth.

<sup>34</sup> 34 <sup>88</sup>. (Currently amended) An isolated polypeptide comprising an amino acid sequence at least 95% identical to amino acids 1 to 191 of SEQ ID NO:4, wherein said polypeptide [generates antibody that specifically binds a protein consisting of amino acids 1 to 191 of SEQ ID NO:4,] mediates apoptosis or inhibits tumor growth.

<sup>35</sup> 35 <sup>89</sup>. (Previously added) The polypeptide of claim <sup>88</sup>, which generates antibody that specifically binds a protein consisting of amino acids 1 to 191 of SEQ ID NO:4.

<sup>36</sup> 36 <sup>90</sup>. (Previously added) The polypeptide of claim <sup>88</sup>, which mediates apoptosis.

<sup>37</sup> 37 <sup>91</sup>. (Previously added) The isolated polypeptide of claim <sup>88</sup>, which inhibits tumor growth.

<sup>38</sup> 38 <sup>92</sup>. (Previously added) The polypeptide of claim <sup>88</sup>, comprising amino acids 1 to 191 of SEQ ID NO:4.

<sup>39</sup> 39 <sup>93</sup>. (Currently amended) An isolated recombinant polypeptide [comprising] consisting essentially of amino acids 145 to 160 of SEQ ID NO:2.

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